

FIG. 1

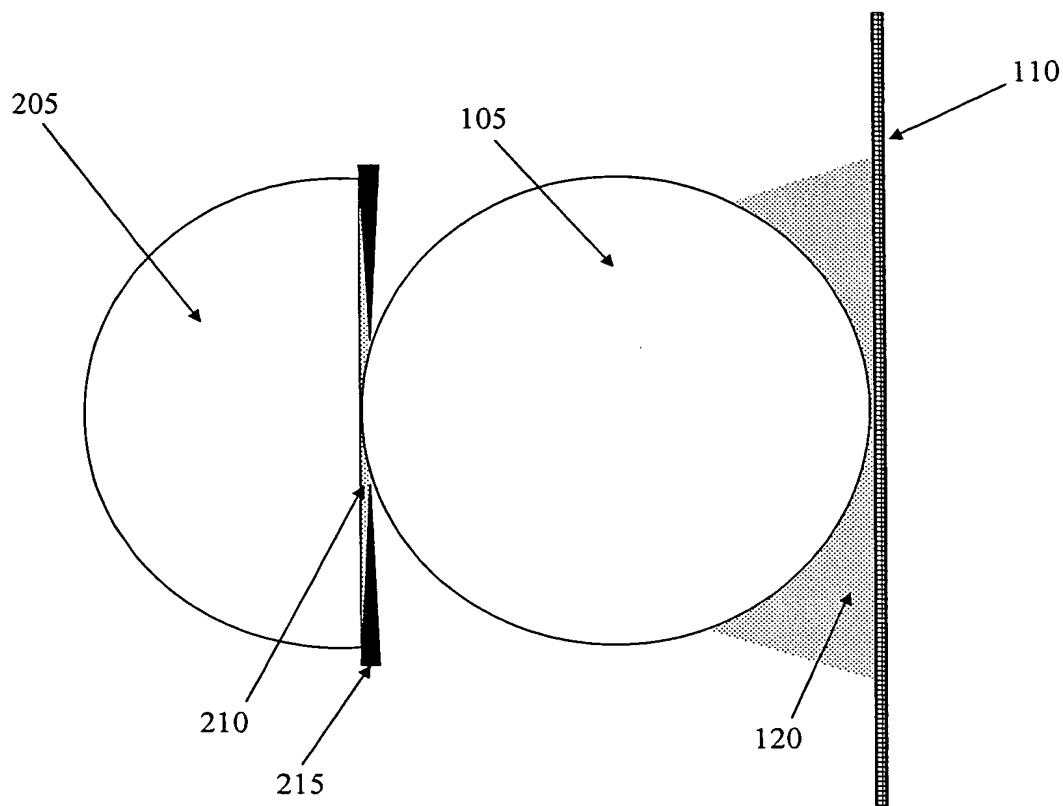


FIG. 2

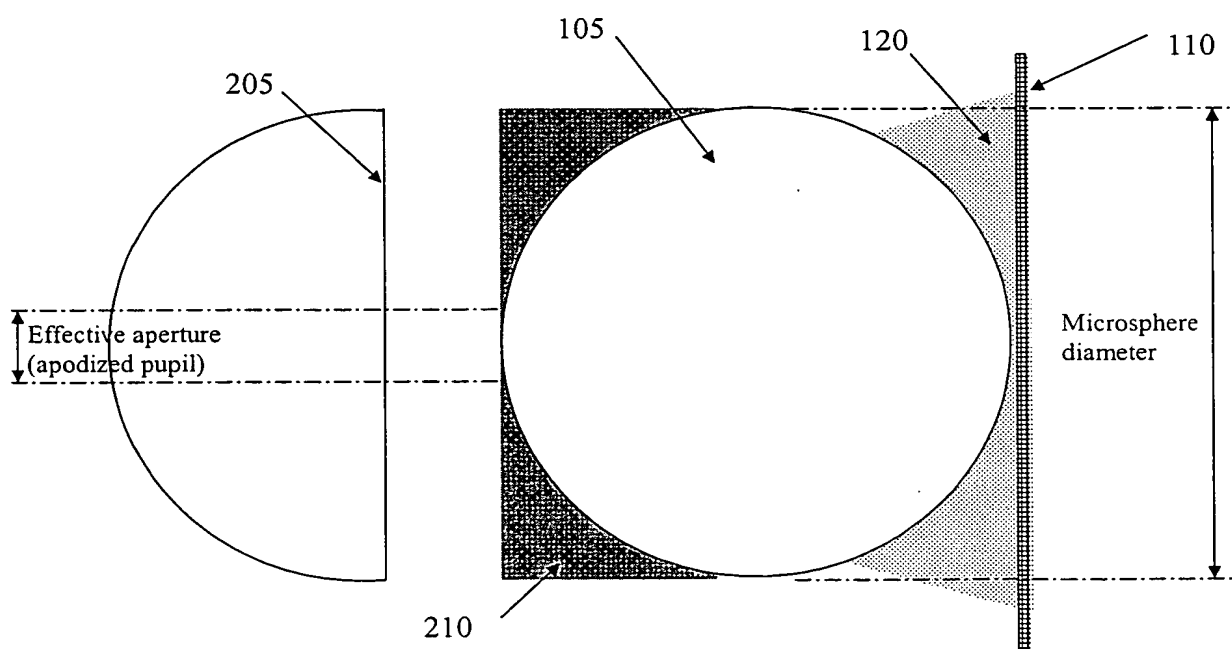


FIG. 3

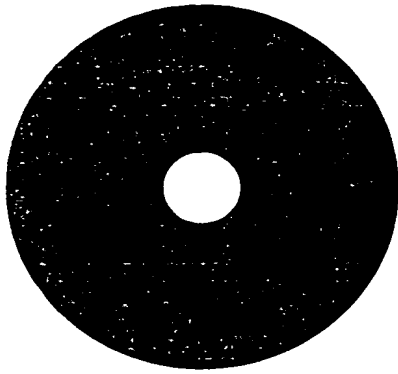


FIG. 4

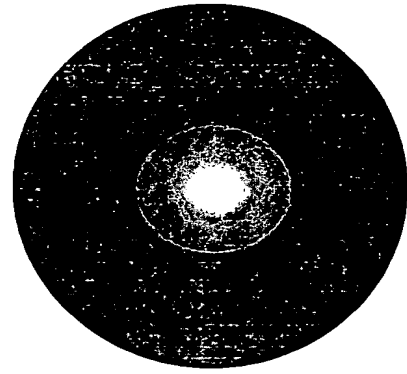


FIG. 5

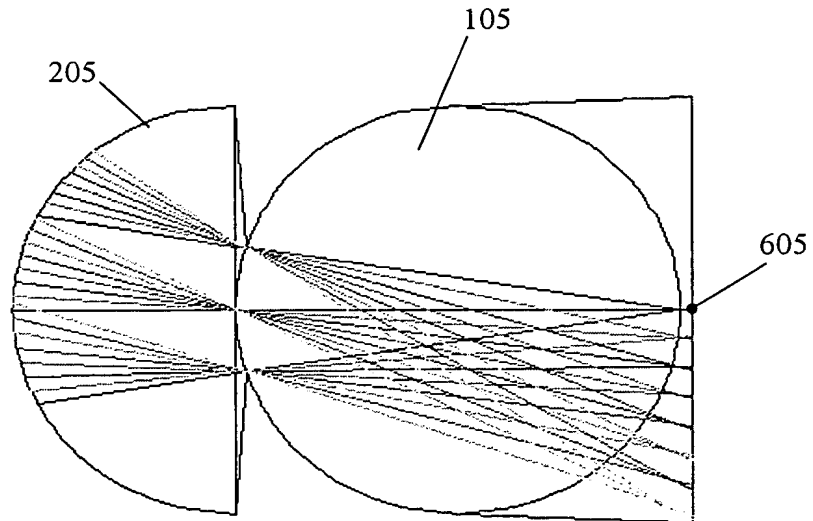


FIG. 6

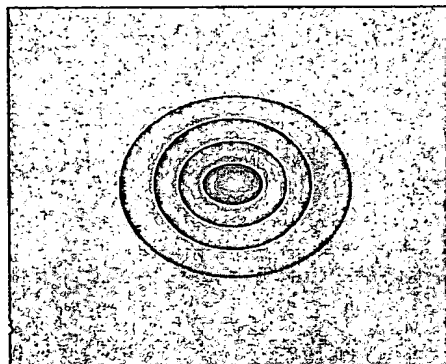


FIG. 7

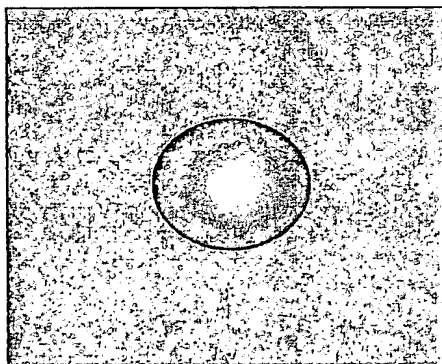
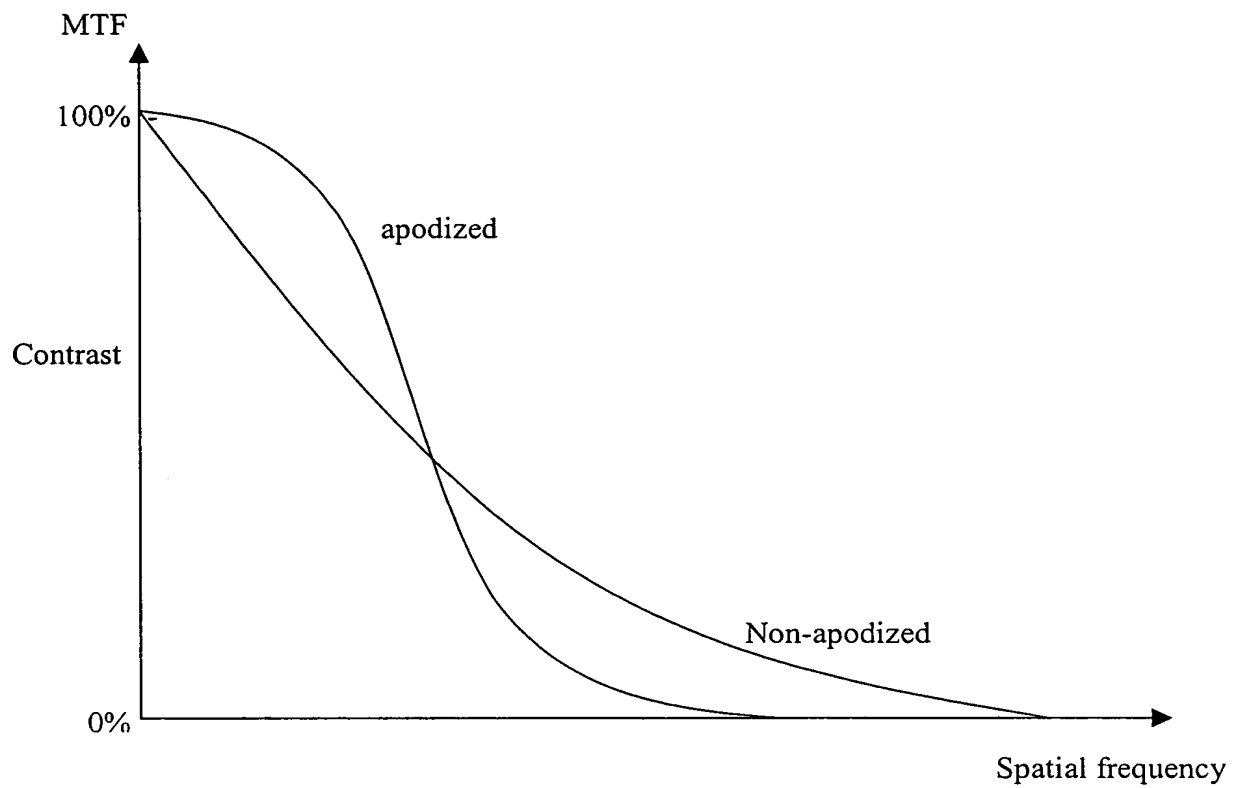


FIG. 8



Diffraction-limited MTF (apodized vs. non-apodized lens)

FIG. 9

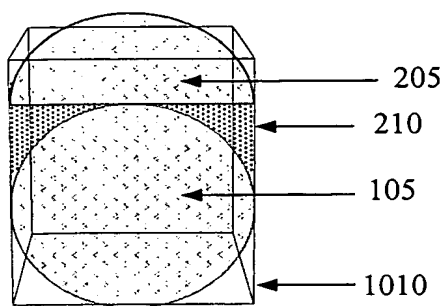


FIG. 10

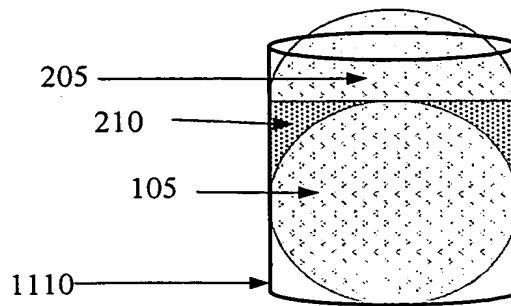


FIG. 11

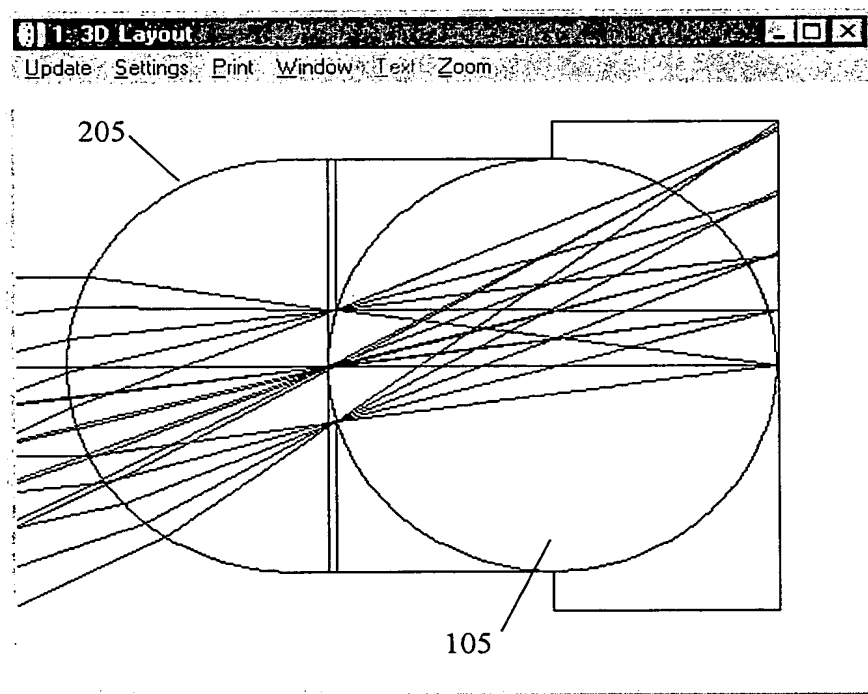


FIG. 12

Surf	Type	Radius	Thickness	Glass	Diameter
OBJ	STANDARD	Infinity	70.1778		71.23298
1	STANDARD	1	1.159787	FK51	2
2	STANDARD	Infinity	0	1.539000, 45.000000	2
3	STANDARD	1	0	1.539000, 45.000000	0.54 4
STANDARD		1	2	F_SILICA	2
5	STANDAR	-1	0.01	1.539000, 45.000000	2
IMA	STANDARD	Infinity		1.539000, 45.000000	2.37

FIG. 13

Saggital MTF

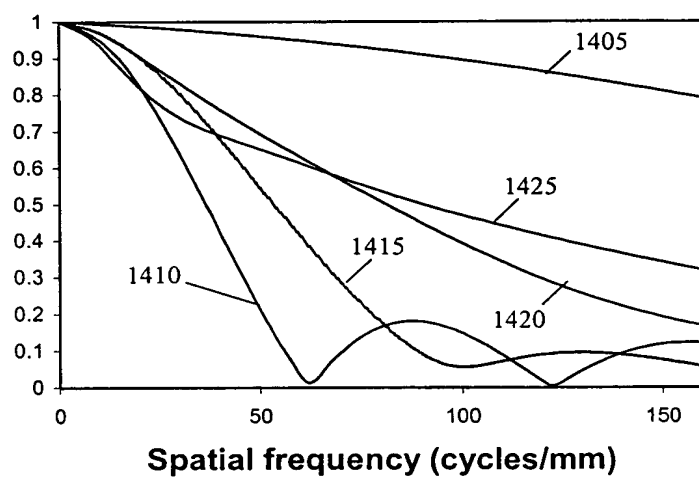


FIG. 14

Tangential MTF

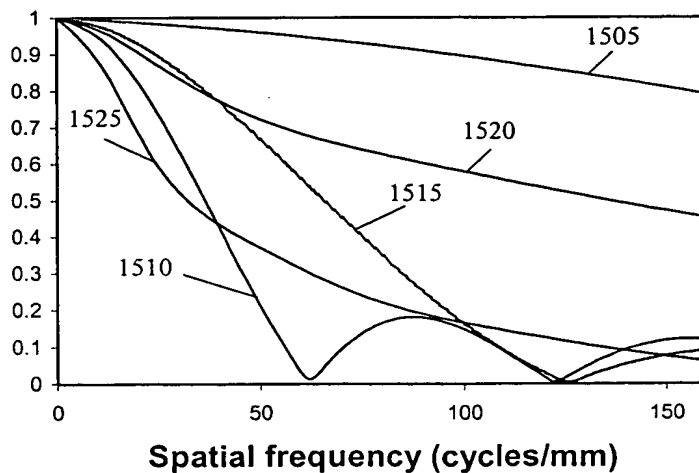


FIG. 15

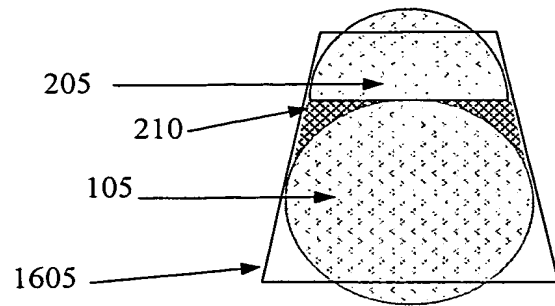


FIG. 16

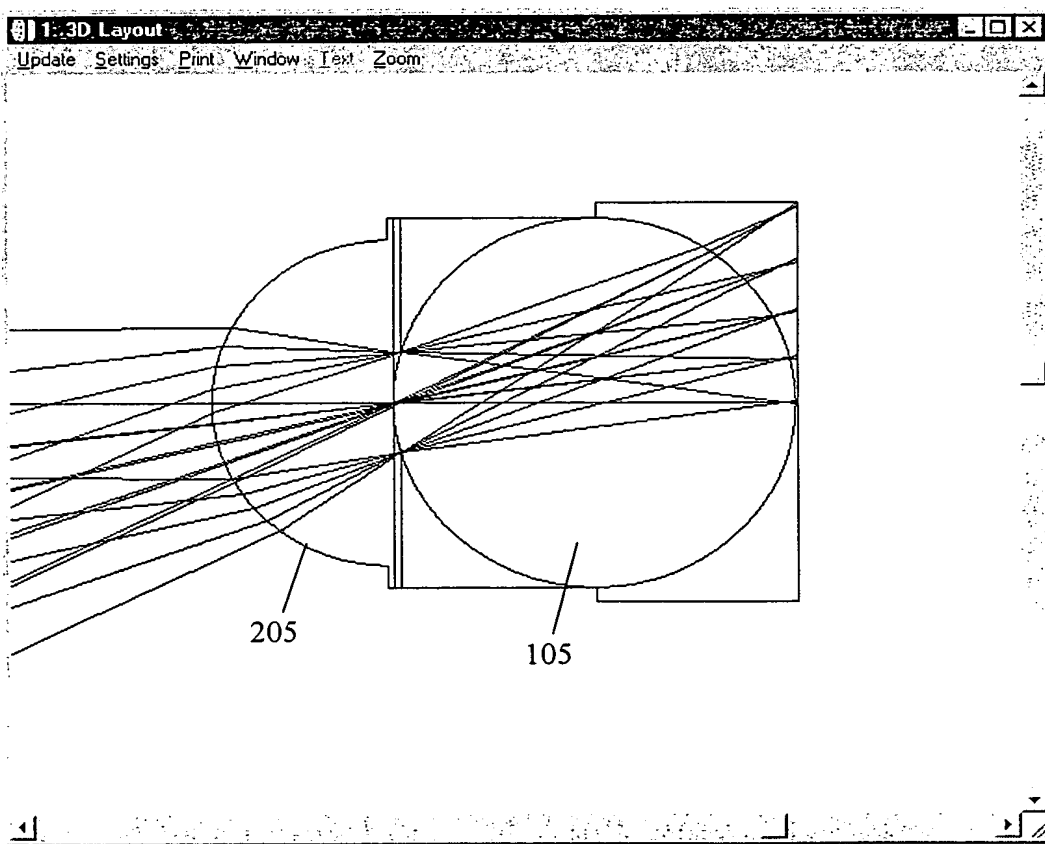


FIG. 17

Surf Type	Radius	Thickness	Glass	Diameter
OBJ STANDARD	Infinity	70.1778		70.89748
1 STANDARD	0.8790182	0.9070419	FK51	1.76
2 STANDARD	Infinity	0	1.582000, 33.000000	1.76
3 STANDARD	1	0	1.582000, 33.000000	2
4 STANDARD	1	2	F_SILICA	2
5 STANDARD	-1	0.01	1.582000, 33.000000	2 IMA
STANDARD	Infinity		1.582000, 33.000000	2.16

FIG. 18

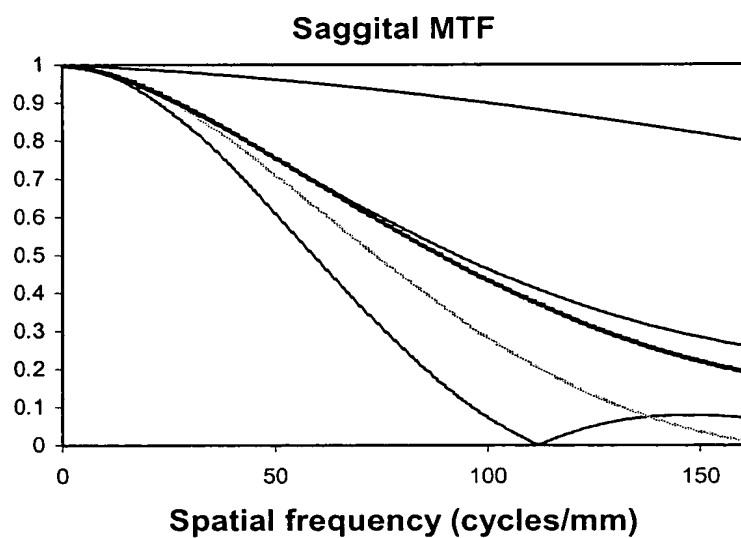


FIG. 19

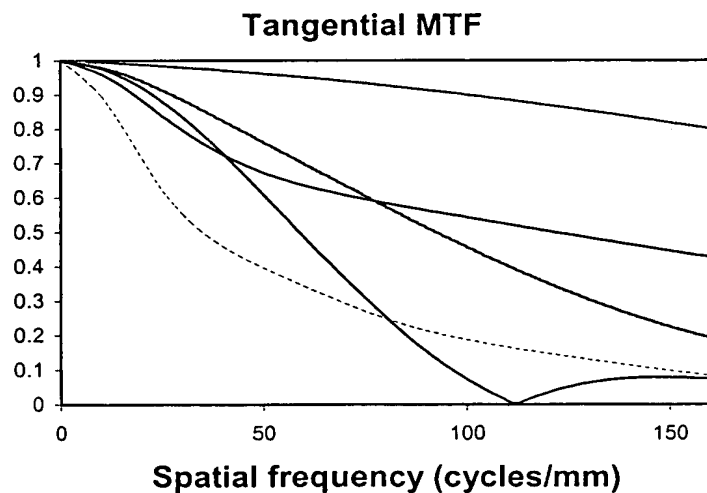


FIG. 20

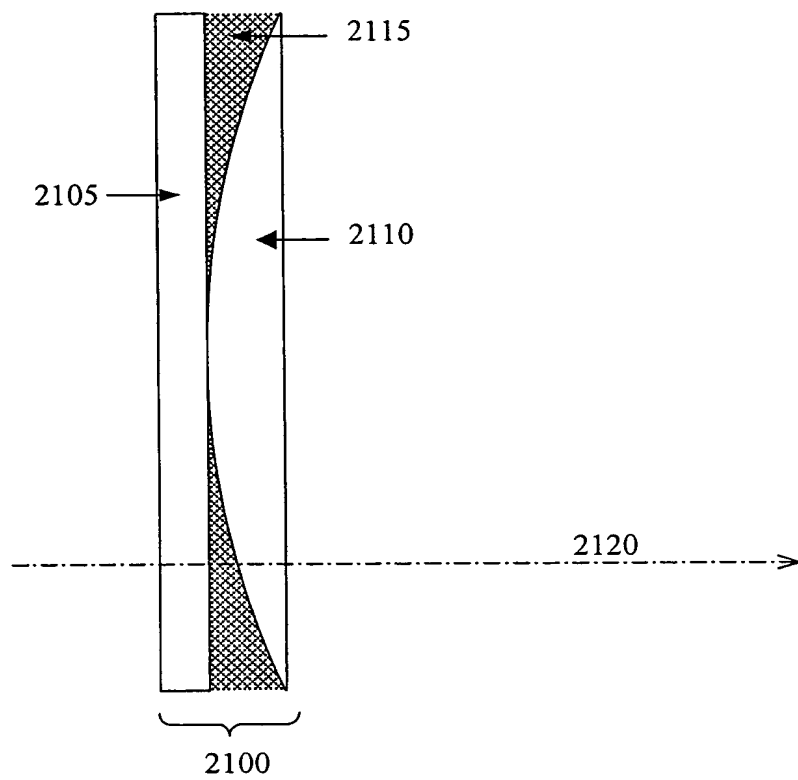


FIG. 21

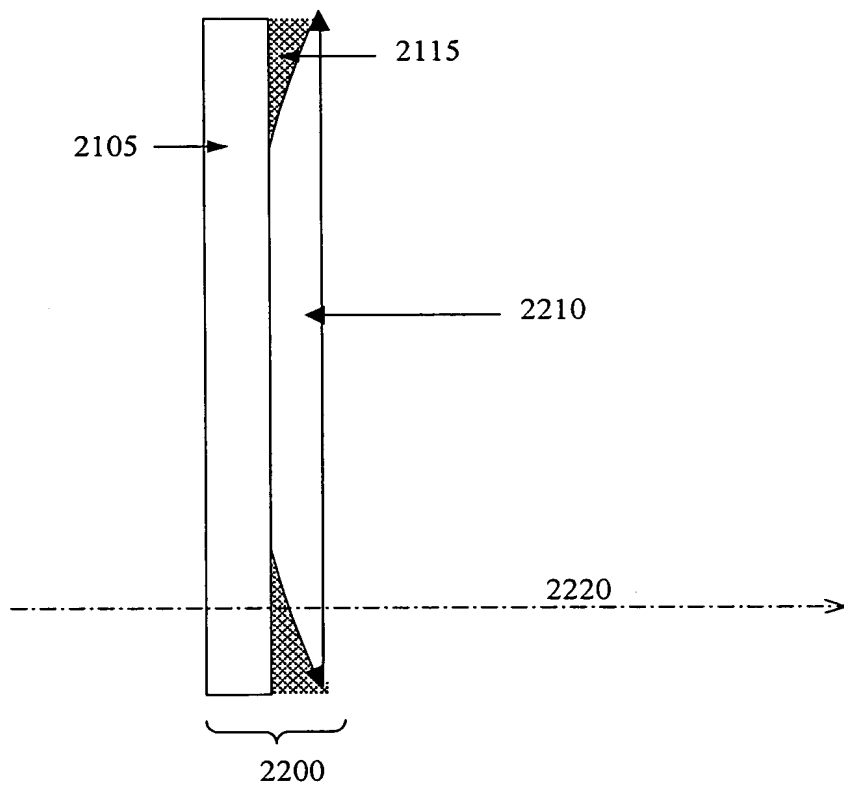


FIG. 22

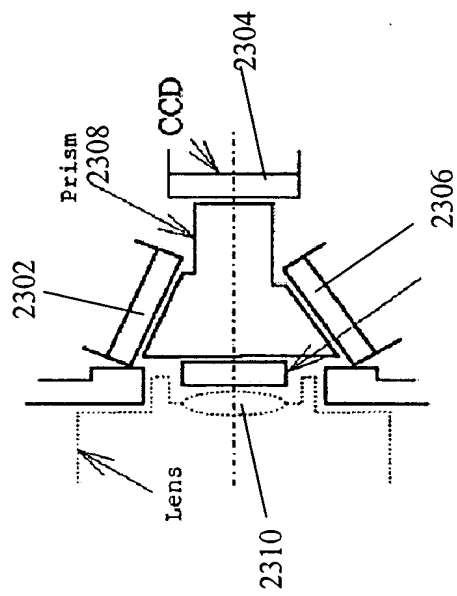


Fig. 23

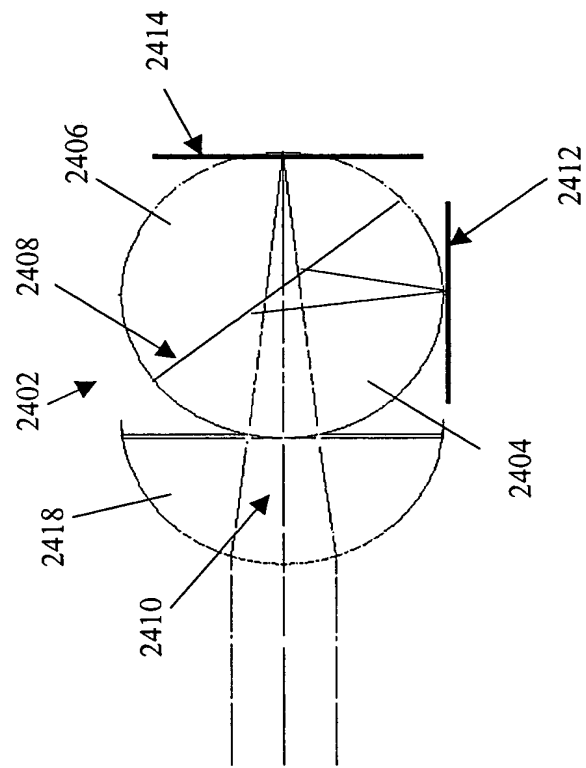


Fig. 24

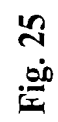


Fig. 25

G	R	G	R
B	G	B	G
G	R	G	R
B	G	B	G

Bayer Pattern

Fig. 26

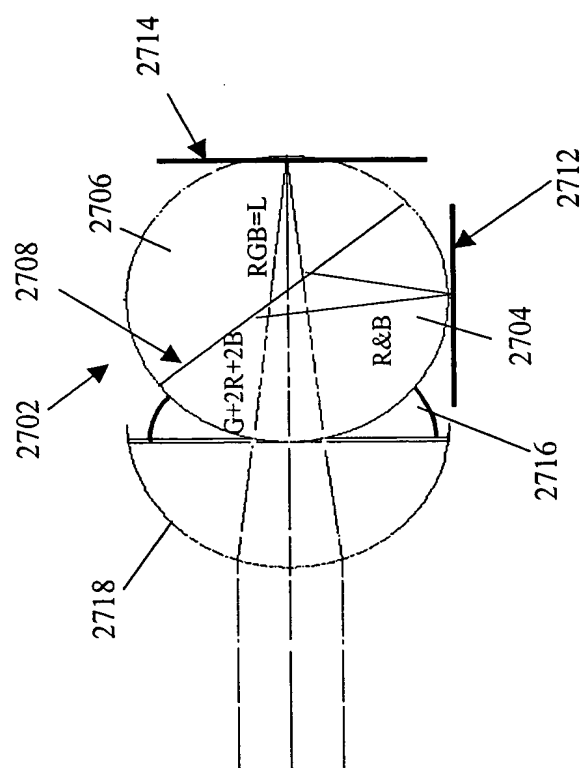


Fig. 27

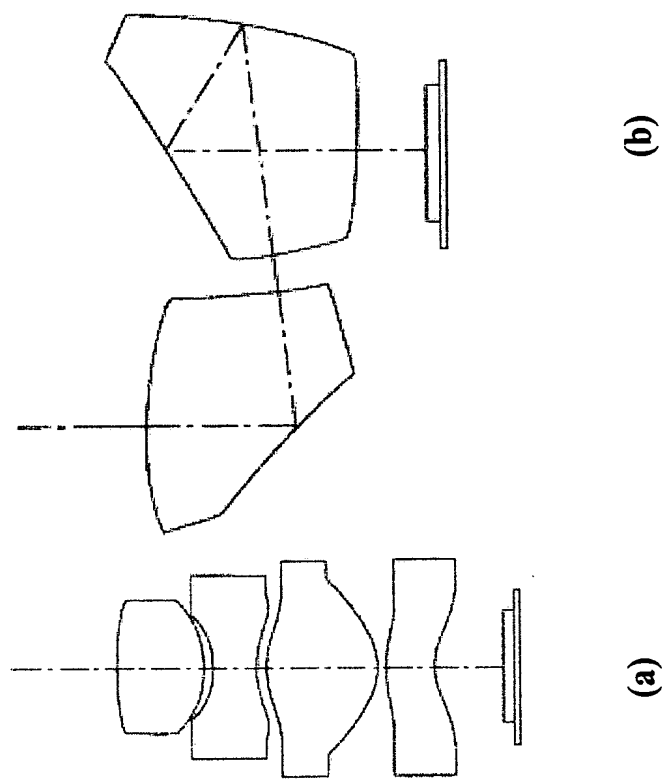


Fig. 28

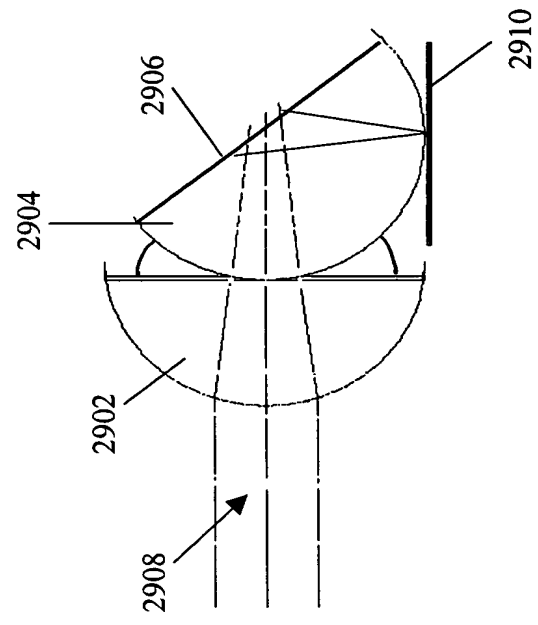


Fig. 29